

ABSTRACT

Audio apparatus comprising a modulator 12 for modulating a first ultrasonic
5 signal 29 with an audio signal to provide a second ultrasonic signal 30; a
transducer 15 for converting the second ultrasonic signal 30 into an ultrasonic
pressure wave for transmission into a non-linear medium to allow
demodulation of the ultrasonic pressure wave and thereby generate an audio
pressure wave representative of the audio signal 28; processing means 11 for
10 modifying the audio signal to compensate for the demodulating properties of
the non-linear medium; and means 8 for modifying the audio signal to
compensate for the conversion characteristics of the transducer 15.

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